

**ABSTRACT OF THE DISCLOSURE**

A tissue sheet is made using a modified wet pressed tissue machine employing an  
5 integrally sealed air press. The apparatus includes: a forming roll;  
a drying cylinder positioned downstream of the forming roll; an air press positioned  
between the forming roll and the drying cylinder; a molding fabric adjacent a first fabric  
such that both fabrics travel through the air press, and wherein the air press is installed to  
direct a pressurized fluid through the molding fabric first and then through the first fabric;  
10 and a pressure roll adjacent the drying cylinder for pressing the molding fabric against the  
drying cylinder.